

Stated Meeting, August 20, 1844.

VICE PRESIDENT MORTON in the Chair.

A paper by Dr. Hallowell, intended for publication, entitled "Descriptions of new species of African Reptiles," was read and referred to the following committee: Dr. Holbrook, Dr. William Blanding, and Rev. J. H. McFarland.

Dr. Morton read a "Description of the head of a Fossil Crocodile from the cretaceous strata of New Jersey," which being intended for publication, was referred to a committee as follows: Mr. Conrad, Mr. R. C. Taylor, and Dr. Holbrook.

Two communications from the American Philosophical Society, dated 21st June and 19th of July, 1844, returning the thanks of the Society for recent numbers of the Academy's Proceedings.

Meeting for Business, August 27, 1844.

VICE PRESIDENT MORTON in the Chair.

The Committee, to whom was referred the following paper read at last meeting, reported in favour of publication.

Description of the Head of a Fossil Crocodile from the Cretaceous strata of New Jersey.

By SAMUEL GEORGE MORTON, M. D.

*Read Aug. 20, 1844.*CROCODILUS (GAVIALIS?) *clavirostris*.

Skull very broad posteriorly, whence it tapers in a gradual and triangular manner to a narrow, elongated snout. Orbits very large, oblique, and with but slight marginal elevation. Temporal fossæ of great size, and the spiracles? placed immediately below and before the inner margin of the orbit. Length of the head from the superior margin of the occiput to the broken end of the snout 23 inches: width of the occiput behind, $12\frac{1}{2}$ inches; lateral diameter of orbit $3\frac{1}{2}$ inches; lateral diameter of temporal fossæ $4\frac{1}{2}$ inches. Remaining teeth 13 on each side. Lateral diameter of terminal end of the snout $3\frac{1}{4}$ inches.